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CANADA
1918

ONTARIO SEED CO

SUCCESSORS

CATALOG
1918

Best Home Grown and Imported

SEEDS

WATERLOO ONTARIO

ONTARIO SEED CO. SUCCESSORS

WATERLOO, ONTARIO

1918 CATALOGUE

OF CANADIAN GROWN AND IMPORTED SEEDS, ETC.

IN handing you our Catalogue for 1918 we take the opportunity of thanking our customers for their continued support.

We make no apology for this small catalogue. We do not believe in a big expenditure to obtain business, but trust to keeping our customers and to their recommendations by giving **the utmost value in quantity, and of more importance, quality.** If you spend a dollar with us you get a dollar's value, no more no less. We make our prices from the cost to us and do not follow anyone, and we can assure our customers that they will not obtain better value anywhere.

We have been growing and testing seeds right here in Waterloo for 10 years and can say that all the vegetable and many of the flower seeds listed in this catalogue are absolutely the finest and best that are grown. The strains of mangel listed on page 14 are without doubt the finest offered in Canada to-day.

It will be many years before Canada can grow anything equal to the quantity necessary to meet the demand. In fact, in many cases, particularly Flower seeds, importations will always be made. We know the best sources of supply and which country produces the best of its specialties, and this knowledge will be found of advantage to our customers. We are particular in all points and particularly in ordering. We do not order large quantities in order to get better terms and have to carry stock over. We order as near as possible what our trade each season requires, and thus the seeds are fresh at each sowing time. We test all seeds on arrival, thus checking our growers. By ordering early all kinds of seeds, our customers can rely on getting their orders in two or three days, as we try to send out each day's orders the same day as received.

If many orders are held over until the sowing season, a congestion may occur and cause a little delay, but no matter when received, all orders, large and small, receive the personal attention of our principals. Our prices are moderate, our quality of goods unsurpassed, and our methods of business are cordial and helpful.

If you have not already tried our seeds, we ask you as a favor to send 35c for the collection of 6 special varieties offered on page 5, and if you are not satisfied with the results, write and tell us; but we do not expect that. We have enough confidence in our seeds to say that you will be amongst the ever increasing number of our valued customers and friends.

Do not hesitate to ask us about anything connected with the garden or farm. We will promptly and cheerfully send you a reply which will be of value to you.

We know if you once plant our seeds you will become one of our pleased and regular customers—providing you plant them in good fertile soil and give them the proper care and attention.

If you are satisfied, tell your friends—if not, don't fail to let us know.

CONDITIONS AND INSTRUCTIONS TO BUYERS.

CASH WITH ORDER: As we do not ship anything C.O.D. to avoid delay and unnecessary expenses, you will kindly remit the amount with every order. The safest way to send money is by Postal Money Order, Express Order or Bank Draft. All cheques must be payable without discount in Waterloo, Ont. Money should only be sent by registered letter, postage 8c. Up to one dollar we will take 2c. and 5c. stamps in payment.

NAMES AND ADDRESSES: Please sign every order plainly with your name and address, and fill out carefully the blanks in order to avoid mistakes.

Owing to war conditions we cannot guarantee to supply all seeds listed, so many deliveries come short, and we sell out very quickly, so kindly favor us with your order as soon as possible.

GUARANTEE: We do everything within our power to satisfy our customers, and take every precaution to send out only first-class goods. We cannot give any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned immediately.

PREPAID POSTAGE: We ship all vegetable (except peas, beans and corn) and flower seeds by mail prepaid at the prices of our catalogue, except where specially noted. When ordering large quantities please be sure to state whether you want the goods by Express or Freight. If these instructions are missing, we will use our own judgment, but will not be responsible for any extra costs. If seeds, etc., are not received within a reasonable time, send exact copy of order, date sent, stating amount of remittance, kind of remittance (Draft or Money Order), and same will be investigated immediately.

OUR PRICES are without engagement and subject to change without notice. The prices for agricultural and field seeds are f.o.b. Waterloo, and subject to market changes.

All goods are carefully checked to avoid mistakes and delays.

ONTARIO SEED CO. SUCCESSORS,
Waterloo, Ontario, Can.

RATES OF POSTAGE ON PARCELS MAILED FROM WATERLOO, ONTARIO.

ADDRESSED TO	1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	11 lbs.
Any post office within 20 miles including place of mailing.....	$0.05	$0.06	$0.07	$0.08	$0.10	$0.12	$0.14	$0.16	$0.18	$0.20	$0.22
Any post office beyond 20 miles but within the Province of Ontario.....	.10	.14	.18	.22	.26	.30	.34	.38	.42	.46	.50
Any post office in Quebec or Manitoba.....	.10	.16	.22	.28	.34	.40	.46	.52	.58	.64	.70
Any post office in Saskatchewan or Maritime Provinces.....	.12	.20	.28	.36	.44	.52	.60	.68	.76	.84	.92
Any post office in Alberta....	.12	.24	.34	.44	.54	.64	.74	.84	.94	1.04	1.14
Any post office in British Columbia or Yukon Territory.....	.12	.24	.36	.48	.60	.72	.84	.96	1.08	1.20	1.32

The maximum charge on any parcel shall not exceed 1c. an ounce.

SPECIAL COLLECTIONS.

NEW SERIES.

WAR TIME—Everyone will want to have a vegetable garden. If you don't know what sort of vegetables to grow, try one of these collections; they are the cheapest offered by any house in Canada, besides being the highest quality. These collections are carefully selected from the most useful vegetables and are easy to grow.

These collections are made up early in the year and larger amounts of the seeds required are provided and we can this way give better value than when ordered by single packets.

We cannot possibly make any change from these lists. Please do not ask us.

OUR $1.00 POSTPAID.

An assortment of seeds that have proven to be the most useful. Sufficient for a large garden.

Large pkt. Beans, Golden Wax.
½ oz. Beets, Early.
¼ oz. Cabbage, Early.
¼ oz. Cabbage, Late.
¼ oz. Carrot, Garden.
½ oz. Lettuce, Curled Leaf.
½ oz. Lettuce, Early Head.
Large pkt. Onion, Yellow Globe.
1 oz. Radish, White Icicle.
1 oz. Radish, Round Red Early.
1 pkt. Parsley.
1 pkt. Parsnip.
1 pkt. Corn, Early.
1 oz. Cucumber, Mixed Long and Short.
3 pkts. Choice Flower Seeds.

OUR 50c. COLLECTION POSTPAID.

1 pkt. Beets, Early.
1 pkt. Beans, Golden Wax.
1 pkt. Corn, Early White.
Large pkt. Cabbage, Early.
Large pkt. Cabbage, Late.
Large pkt. Carrot, Garden.
1 pkt. Onion, Yellow Globe.
1 oz. Radish, White Icicle.
1 oz. Radish, Mixed.
Large pkt. Lettuce, Curled Leaf.
Large pkt. Lettuce, Early Head.
½ oz. Cucumber, Mixed.
1 pkt. Parsnip.
3 pkts. Choice Flower Seeds.

Extra with either of these collections: One packet each Early Cauliflower, Early Celery, Early Tomato for 10c. Large packet of Early Garden Peas 10c. extra, only with either of these collections.

FLOWER SEEDS.

To introduce our specialties in Flower Seeds, we make this special offer:

1 pkt. Aster, Giant Crego, Mixed Colors.
1 pkt. Pansy, Giant Flowered.
1 pkt. Phlox, Large Flowered, Brilliant Colors.
1 pkt. Giant Zinnia, Double Mixed Colors.

Nothing better in size or color can be had. Four 10c packets post free for 25c.

FLOWER SEED COLLECTION.

ONLY 25c. POSTPAID. WORTH 50c.

10 packages, our selection, including
Asters, Stocks, Sweet Peas, Pansies, Nasturtiums, Mignonette, etc.
Larger assortments, 50c. and $1.00.

To encourage gardening among the young, we offer a cheap collection as below. The packages are filled in the same liberal manner as for "grown ups." Set aside a small portion of the garden for the children.

Apart from the great benefit to health, the art of gardening inculcates a love for nature and endears the home to the child.

CHILDREN'S COLLECTION.

ONLY 25c. POSTPAID. WORTH 50c.

This collection contains one package of each:
Carrots, Radish, Beets, Lettuce, Onion, Cucumber, Turnip, and three packages Flower Seed.

[W] WATERLOO BRAND

We introduced this brand of special seeds last year and are pleased to say that it has been in every way successful to our customers, nothing better can be had either for table or exhibition purposes. All have been tried in our experimental grounds, and have proven to be the very best in their respective classes. They are brought to your notice as the Waterloo Brand [W] under their **original names.** Please notice that the cost is little, if any, above the ordinary qualities, for we make it a rule to fix our prices on the cost and not to follow anyone.

This year we have six varieties, and each can be obtained in packets of 5c and 10c, or the selection of six kinds for 35c and 50c, post free. Now, if you are looking for the choicest and best vegetables, try these. We know what they are, and want you to do the same.

[W] **BEET-Crimson Globe.** Beautiful, rich crimson color, one of the earliest, clean and nice shaped roots, splendid for table use.
Pkt. 5c and10c; oz. 25c.

BEET—CRIMSON GLOBE.

CARROT—SELECTED CHANTENAY.

[W] **CARROT—Selected Chantenay.** This is the most popular and useful carrot grown, equally good for forcing or ordinary garden.
Pkt. 5c and 10c; oz. 25c.

[W] **CUCUMBER—King of the Picklers.** The most prolific pickle we have seen.
Pkt. 5c and 10c; oz. 25c.

[W] **CABBAGE—Enkhuizen's Glory.** We find this cabbage is as early as any. Good round solid heads, best for all purposes.
Pkt. 10c; oz. 35c.

LETTUCE—BUTTERCUP.

ONION—GIANT YELLOW GLOBE.

[W] **LETTUCE — Buttercup.** This is the best head lettuce grown. Beautiful golden green heads that remain fit for use longer than any. Fine flavor, never gets bitter.
Pkt. 5c and 10c; oz. 25c.

[W] **ONION—Giant Yellow Globe.** Good sized onions can be grown from this seed same season as sown. Good keeper and mild flavor.
Pkt. 10c; oz. 35c.

ATTENTION OF ALL IS DIRECTED TO OUR SPECIALTIES.

TOMATO—BONNY BEST.

NOTE. — We send all seeds free when sold at package and ounce rates. Postage per lb. extra, see page 3.

Undernoted please find a list of our HomegrownTomato Seed and also other noteworthy novelties.

TOMATO-Giant Pink. This Tomato has been grown and selected by us. The seed has been saved from fruits,every one over one pound in weight. A very fleshy bright pink, smooth skin. Limited stock. Packets only 15c.

TOMATO-Bonny Best. One of the earliest. Color intense scarlet. Perfect shape and uniform in size. We have carefully selected this variety for several seasons. Pkt. 10c; Oz. 50c.

TOMATO-Earliana. A well known variety. Medium size. Splendid color and slightly flat in shape. Pkt. 10c; Oz. 50c.

TOMATO—Chalks Early Jewel. One of our handsomest varieties, being of a most symmetrical round shape. Pkt. 10c; Oz. 50c.

TOMATO—EARLIANA.

RADISH—ROSY GEM.

TOMATO—Plentiful. The well known potato-leaved pink variety. Pkt. 10c; Oz. 50c.

These tomatoes have all been bred for years in Canada, and in addition to their original merits, we have bred into them **earliness** and **productiveness**—most important points for growers.

RADISH—Rosy Gem. A splendid success has been made with this excellent white tipped variety. Pkt. 5c; Oz. 15c; 4 Ozs. 45c.

RADISH—Non Plus Ultra. A very fine forcing variety. Of medium size and vivid scarlet color. Our strain is extraordinarily uniform. Pkt. 5c; Oz. 15c; 4 Ozs. 45c.

RADISH—WHITE ICICLE.

RADISH—White Icicle. We take particular pride in the improvements we have effected on this Radish. Pkt. 5c; Oz. 15c; 4 Ozs. 45c.

ONION—RED WETHERSFIELD.

ONION—Yellow Globe Danvers. It is most important that this seed should be Canadian grown. To sow such seeds ensures an absence of so many thick-necks, which is often caused by imported seed. The importance of this is obvious. Pkt. 10c; Oz. 35c; ¼ lb. $1.35.

ONION–Red Wethersfield. The red onion par excellence. Our strain is grown from selected bulbs. Pkt. 5c; Oz. 35c; ¼ lb. $1.35.

LETTUCE—May King. Has been bred by us for years so that it is acclimatized. We recommend this strain. Pkt. 5c; Oz. 20c; ¼ lb. 75c.

LETTUCE—Grand Rapids. The favorite Curled Leaf Lettuce both for market and home gardens. Our selected stock. Pkt. 5c; Oz. 20c; ¼ lb. 75c.

HIGH QUALITY VEGETABLE SEEDS

FOR HINTS ON CULTIVATION SEE PAGE 20.

We do not attempt to offer every "new name," it would be almost impossible to do so, but what we do offer we can recommend from personal observation as being **the best** of its class.

These seeds are procured from the best sources and will be found to conform not only with the letter of the law, but with the spirit thereof.

NOTE.—We send all seeds free when sold at package and ounce rates. Postage per lb. extra, see page 3.

ASPARAGUS—Asperge. Spargel.	pkt.	oz.	¼ lb.
Conover's Colossal Palmetto	.05	.10	.25

BEANS—Haricots nains. Buschbohnen.
(Dwarf, Wax and Butter.)

	pkt.	lb.
Hodson's Wax	.05	.60
Davis White Wax	.05	.50
Giant Wax or Flageolet	.05	.50
Improved Golden Wax	.05	.50
Wardwell's Kidney Wax	.05	.60
Black Seeded Wax	.05	.50
Detroit Wax	.05	.50

(Dwarf, Green Podded.)

Red Valentine, Refugee or 1000 to 1, Early Six Weeks	.05	.35

BEANS—(Lima.)

Henderson's Bush Lima	.05	.30

BEANS—Haricots a rames. Stangenbohnen.
(Pole or Running.)

Kentucky Wonder or Old Homestead, Scarlet Runners	.05	.40
Early Golden Cluster Climbing Wax Bean	.05	.60

BORECOLE OR KALE. Chou frise. Winterkohl.

	pkt.	oz.	¼ lb.
Curled Scotch, Dwarf Curled German	.05	.25	.90

BROCCOLI. Chou Brocoli. Spargelkohl.

	pkt.	oz.	¼ lb.
Adams Early	.05	.60	1.80
White Cape	.05	.50	1.60

Beet—Edmand's Dark Red Turnip.

Beans—Hodson Wax.

BEETS—Betteraves. Gartenruebe.

	Pkt.	oz.	¼ lb.
Dark Red Flat Egyptian, Eclipse Dark Red Turnip, Edmand's Dark Red, Extra Long Deep Blood Red, Detroit Blood Red Turnip, Half Long Deep Blood Red, Swiss Chard or Spinach Beet, Large White Ribbed	.05	.20	.70

BRUSSELS SPROUTS—Chou de Bruxelles. Rosenkohl.

	pkt.	oz.	¼ lb.
Perfection, Semi-dwarf	.05	.25	.90

CABBAGE—Chou pomme. Weisskraut.
Early Varieties.

	pkt.	oz.	4 ozs.
Glory of Enkhuizen	.05	.35	1.25

This we consider the best early round-head.

	pkt.	oz.	¼ lb.
Copenhagen Market	.05	.40	1.50

The market gardener's favorite.

	pkt.	oz.	¼ lb.
All Head	.05	.30	1.10
Hendersons Early Summer	.05	.30	1.10
Early Winningstadt	.05	.30	1.10
Early Jersey Wakefield	.05	.30	1.10

CABBAGE—Late Varieties.

	Pkt.	oz.	¼ lb.
Large Madgeburg Round, Danish Ball Head, Large Drumhead, Filder (large pointed late), Large Brunswick (Flat), Flat Dutch	.05	.30	1.10

CABBAGE, RED — Chou rouge. Rotkraut.
Stonehead .....
Early Red Dutch or Berlin .....
Mammoth Red Rock ...
Extra Dark Red Dutch .
Per pkt. 5c; oz. 35c; ¼ lb. $1.30.

CABBAGE, SAVOY—Chou de Milan. Wirsing.
Early Parisian.....
Large French Drumhead
Per pkt. 5c; oz. 25c; ¼ lb. 90c.

CARROT—Carotte. Moehre.
Oxheart, Guerande or Early Gem.....
Chantenay .....
Nantes .....
Long Red Altringham ..
Early Scarlet Short Horn
Per pkt. 5c; oz. 25c; ¼ lb. 95c.

CABBAGE—DANISH BALL HEAD.

CARROT—OXHEART.

CAULIFLOWER—SNOWBALL.

CAULIFLOWER — Chou-fleur. Blumenkohl.
The seed we procure of this succulent vegetable is from the best source in Europe. We have tried it on our own farm and found it excellent.
Early Snow Ball (Extra Select).....
Per pkt. 20c; oz. $2.50
Early Dwarf Erfurt....Pkt. 20c; oz. $2.00
Walcheren .....
Early London....
Pkt. 5c; oz. 70c.
Danish Giant or Dry Weather..
Pkt.20c;oz.$2.50
Half Early Paris.
Pkt.5c; oz.$1.00.
Italian or Veitch's Autumn Giant.
Pkt. 5c; oz. 70c.

CELERY— Celeri. Sellerie.
Early Varieties.
Paris Golden Yellow Dwarf or Self-blanching. Finest French Seed.
Pkt.25c; oz.$2.50
White Plume.
Pkt. 5c; oz. 60c.
Late Varieties for winter use.
Prizetaker Pink.
Pkt. 5c; oz. 30c.
Giant Pascal.
Pkt. 5c; oz. 30c.

CELERY—GIANT PASCAL

CELERY—Continued.

	pkt.	oz.
White Solid	.05	.30

Mixed for soup flavoring. Oz. 15c; ¼ lb. 50c.

CELERIAC OR TURNIP ROOTED. Prague Giant.. .05 .60

	pkt.
CHERVIL—Cerfeuil. Kerbel	.05

CHICORY ROOT—Chicorée. Cichorie oder Kaffeewurzel.

	pkt.	oz.
Large rooted Magdeburg	.05	.20

CITRON—

	pkt.	oz.	¼ lb.
For Preserving (Red Seed)	.05	.15	.45
Colorado Preserving (Green Seed)	.05	.15	.45

CORN, SWEET—Blé d'Inde. Mais.

(Bushel 40 lbs.)	pkt.	lb.
Early.		
Golden Bantam	.05	.40
Crosby's Early Sugar, Early Premo, White Cory	.05	.35
Late Varieties.		
Stowell's Evergreen, Country Gentleman	.05	.35

POP CORN—White Rice. Pkt. 5c; lb. 25c.

CRESS—Cresson. Kresse.

	pkt.	oz.	¼ lb.
Extra Curled	.05	.10	.30

CUCUMBER—Concombre. Gurke.

	pkt.	oz.	¼ lb.
Chicago Pickling, Early White Spine, Early Short Green, Early Short Cluster, Early Russian or Gherkin, Everbearing	.05	.15	.55
Improved Long Green, The Lemon, Long White	.05	.20	.75
Mixed, Long and Short	.05	.10	.35

For Greenhouse Forcing.

	Pkt.
Noah's Forcing	.15

Cucumber—Improved Long Green.

EGG PLANT—Aubergine. Eierpflanze.

	pkt.	oz.
Early Long Purple	.05	.40

ENDIVE—Chicorée frisé. Endivien.

	pkt.	oz.	¼ lb.
Broad Leaved Batavian (Escarolle)	.05	.20	.75
Early Green Curled or Moss Curled, Early White Curled	.05	.25	.90

HORSE RADISH—Racines de Raifort. Meerettig. See page 13.

KOHLRABI—Chou rave. Kohlrabi.

	pkt.	oz.	¼ lb.
Early White Vienna, Early Purple Vienna	.05	.25	.90

LEEK—Poireau. Lauch.

	pkt.	oz.
Large Musselburg or Carentan	.05	.30

LETTUCE

	pkt.	oz.	¼lb.
Iceberg, W.S. Big Boston, W.S. Denver Market, W.S. Hanson, W.S. Nonpareil, W.S. Early Prizehead brown leaved Brown Leaved Winter	.05	.20	.75
Butter Cup A variety with extremely yellow leaves, never gets bitter and has an excellent flavor Salamander	.05	.25	.95

CORN SALAD—Maché. Rabinschen oder Feldsalat.

	pkt.	oz.	¼ lb.
	.05	.15	.50

MELON—Musk Melon. Zuckermelone.

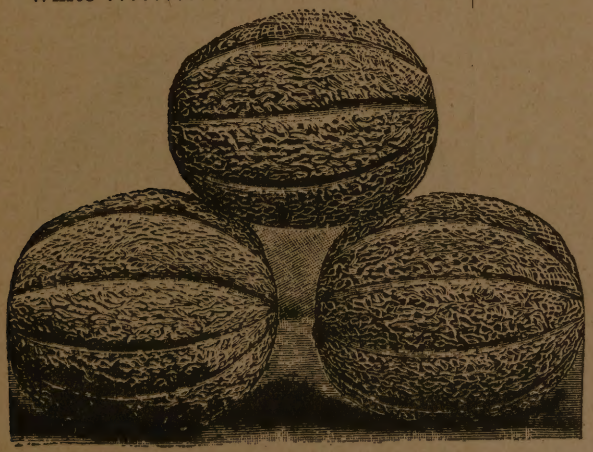
	pkt.	oz.	¼lb.
Early Hackensack Montreal Nutmeg Paul Rose (Petoskey) Rocky Ford or Early Netted Gem Fordhook	.05	.20	.70

MELON—Water. Melon d'eau. Wassermelone.

	pkt.	oz.	¼lb.
Coles Early Peerless Burpee Early Sweetheart	.05	.15	.40

MUSTARD—Mustarde. Senf.

	pkt.	oz.	¼lb.
White	.05	.10	.25



Musk Melon—Early Hackensack.

ONION—Oignon. Zwiebel.

	pkt.	oz.	¼ lb.
Large Yellow Globe Large Red Globe Large White Globe Giant Prizetaker	.10	.40	1.50
White Queen Paris Silverskin Pickling	.10	.45	1.75

ONION SETS—Oignon. Setzzwiebel.

	lb.
Dutch Sets, Yellow	.20
Shallots or Multipliers	open

PARSLEY—Persil. Petersilie.

	pkt.	oz.	¼lb.
Champion Moss Curled Triple Curled Turnip Rooted	.05	.15	.45

PARSNIP—Panais. Pastinake.

	pkt.	oz.
Hollow Crown, Student or Guernsey	.05	.25

PEAS—Pois. Erbsen.

(Wrinkled Varieties Marked *)

Postage per lb. extra see page 3.

Early Varieties.	height	pkt.	lb.
*Little Marvel, the best early pea introduced	18 in.	.05	.30
*American Wonder	12 in.	.05	.30
*Excelsior Suttons	18 in.	.05	.30
*Thomas Laxton	24 in.	.05	.30
Premium Gem	20 in.	.05	.30

Main Crop.

*Champion of England	45 in.	.05	.30
*Stratagem Improved	20 in.		
*Telephone Tall	45 in.		

PEPPER—Piment. Pfeffer.

	pkt.	oz.
Large Squash or Bull Nose Long Cayenne Red Chili Ruby King or Giant	.05	.60

POTATOES—Pommes de terre. Kartoffeln.

Our potatoes are true to name and free from disease.

(Subject to market fluctuations.)

Extra Early Ohio Irish Cobbler	Prices on application.

PUMPKIN—Citrouille. Kuerbis.

	pkt.	oz.	¼ lb.
Large Cheese	.05	.10	.30
Large Field	...	.05	.15
Small Sugar or Sweet	.05	.10	.30
Mammoth King or Jumbo	.10	.25	.75
(Biggest variety, fine for canning.)			
Japanese Pie	.05	.10	.30

RADISH—Radis. Rettig oder Radies'chen.

Round Varieties.

	pkt.	oz.	¼ lb.
Crimson Giant Early Scarlet Turnip White Tipped Early White Turnip Scarlet Globe Scarlet Button	.05	.15	.45

Olive Shaped Varieties.

French Breakfast Scarlet Olive Shaped White Olive Shaped	.05	.15	.45

Long Varieties.

Chartier Long Scarlet White Tipped Long Scarlet	.05	.15	.45

RADISH—Winter Varieties.

	pkt.	oz.	¼ lb.
Round Black Spanish Long Black Spanish Munich Bierrettig California Mammoth White Scarlet China (China Rose) White Chinese (Celestial)	.05	.15	.55

A mixture of all kinds; good for small gardens where only one sowing is made. Ensures radishes for months. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 70c.

RHUBARB—Rhabarbe. Rhabarber.

Rhubarb should be in every garden, requires little care and gives great results. The seed we offer is our own growing.

	pkt.	oz.	¼ lb.
Victoria	.05	.30	1.00

SALSIFY—Salsifis. Haferwurzel oder Bocksbart.

	pkt.	oz.
Mammoth Sandwich Island	.05	.30

SPINACH—Epinard. Spinat.

	pkt.	oz.	¼ lb.
Victoria Bloomsdale or Savoy Leaved Round or Summer	.05	.20	.70

SQUASH—Gourge. Speisekuerbis.

Summer Varieties.

	pkt.	oz.	¼ lb.
Summer Crookneck	.05	.15	.40
English Bush Vegetable Marrow, Long White English Bush Vegetable Marrow, Long Green	pkt. .05	oz. .20	

SQUASH—GOLDEN HUBBARD.

The produce of these Seeds won the Dinner Set at the Saskatchewan Exhibition, 1912.

SQUASH—Summer Varieties.

	pkt.	oz.	¼ lb.
Early White Bush Scallop	.05	.15	.40

Winter Varieties.

Golden Hubbard, Essex Hybrid, Boston Marrow, Green Hubbard	.05	.15	.40

SWISS CHARD—See under Beet.

TOBACCO—Tabac. Tabak.

	pkt.	oz.
Canadian Seed Leaf, Connecticut Seed Leaf	.05	.40
Havanna	.05	.80

TOMATO—Tomate. Liebesapfel.

(See page 6)

	pkt.	oz.
First of All, Matchless, Small Fruit Tomatoes Mixed, Strawberry or Husk	.05	.50

TURNIP—Navet. Weisse Ruebe.

	pkt.	oz.
Extra Early Purple Top Milan, Snowball or Early Stone, Golden Ball or Orange Jelly, Six Weeks or Nimble Dick, Early Purple Top Strap Leaf, White Dutch Strap Leaf	.05	.25

HERBS—Herbes. Gewuerzkraeuter.

	pkt.
Anis, Borage, Caraway, Chervil, Chives, Coriander, Dill, Fennel, Horehound, Hyssop, Lavender, Marjoram, Sweet, Rosemary, Sage, Broad Leaved, Sorrel, Summer Savory, Tarragon, Thyme, Woodruff, Wormwood	.05

ROOTS.

These will be supplied from our own growing, when ready to be lifted.

GARLIC—Knoblauch.

(Per lb. 30c., postage extra.)

RHUBARB—Rhabarbe. Rhabarber.

	each	doz.
By Express forward	.10	1.00

HORSE RADISH—Racines de Raifort. Meerrettig.

	each	4 roots	doz.
Horse Radish	.10	.20	.50

(Postage 2c. for each root.)

PLANT TONIC—A highly concentrated fertilizer prepared by us specially for pot plants and flowers. Pkt. 10c., 1 lb. 25c. Postage extra. Try a packet when ordering seeds. **Full directions with each packet.**

The produce of these Seeds won the Dinner Set at the Saskatchewan Exhibition, 1912.

AGRICULTURAL SEEDS

Importance of the Root Crop.

It is important that a root crop should be grown on every farm; there is nothing else that can or does take their place. Silage has to some extent taken the place of roots these last few years, but it is neither as good or as nutritious as roots, and for young stock it is important that they should have roots in preference to silage. For dairy cows, mangels are the best, and of mangels there is no other variety just as good as **"Our Ideal,"** and this fine kind will answer as well for all purposes, whether it is cows, horses, pigs, or for fattening cattle.

MANGEL.—Betterave fouragere. Futterruebe.

MANGEL—" Our Ideal."—Owing to its high nutritious properties and heavy crops, is the cheapest root crop that can be grown. Farmers who have tried this fine variety are enthusiastic about it. We find that the sale of this fine Mangel increases season after season, and we receive many testimonials as to its merits. In selecting, we take the greatest care to insure its trueness to type and density of flesh. The result is roots of the highest feeding value. The cost may be a little more than the ordinary kinds, but we can assure our customers that they will be well repaid. This Mangel was first introduced by us, and the true stock can only be obtained either direct from us or in sealed cartons from our agents. Order early.

	¼ lb.	Lb.	5 lbs. or more.
Price....	25c.	85c.	80c. per lb.

Express or postage extra.

MANGEL—Waterloo Giant Intermediate.—Our special selection of this splendid variety, grown and selected by us for several years. Can recommend it as the best of its class.

	¼ lb.	Lb.	5 lbs. or more.
Price....	25c.	80c.	75c. per lb.

Postage extra, see page 3.

MANGEL — Yellow Leviathan. — In great demand in some parts of Ontario. We offer a particular fine stock that will yield clean, well shaped roots and a heavy crop.

	¼ lb.	Lb.	5 lbs. or more.
Price....	25c.	80c.	75c. per lb.

SUGAR MANGEL—Waterloo Giant White.—This is our own selection as grown by us at Waterloo from the largest and best shaped roots, and can honestly say it is impossible to get a better strain anywhere. **Stock limited.**

	¼ lb.	Lb.	5 lbs. or more.
Price....	25c.	80c.	75c. per lb.

Postage extra, see page 3.

MANGEL—OUR IDEAL.

MANGEL—Yellow Globe.—A selected strain; can well recommend.

	¼ lb.	Lb.	5 lbs.
Price....	25c.	80c.	75c. lb.

MANGEL—	¼ lb.	lb.
Red Globe..... / Mammoth Long Red.....	.25	.75

Postage extra, see page 3.

All Mangels offered on this page may be had in 10c packets.

FIELD CARROTS—Carrotte des Champs. Futtermoehre.

	¼ lb.	lb.
Long White Belgian, Short White, Vosges	.80	3.00
Long Red Brunswick	.90	3.50

SWEDES—Chou Navet. Schwedruebe.
For winter use sow in May and June.

Purple Top Varieties.

	¼ lb.	lb.
Our Ideal	.40	1.30

OUR IDEAL

This Swede Turnip, we are pleased to say, has met with great success. Those who have tried it are most enthusiastic as to its qualities, and we venture to predict that it will shortly lead the way as the most profitable turnip in Canada. After extensive trials we are convinced that it is **the best.** Hardy and productive, slightly oval in shape and one of the best keepers. Give it a trial. We regret that our stock is again limited, and would ask our customers to order early as we were completely sold out last season.

	lb.
Canadian Gem, a well-known kind, true type. Hall's Westbury, a good hardy kind, one of the best shippers. White Purple Top.	
Elephant or Monarch, specially selected stock, purple top, tankard shape, yellow flesh, heavy crop. Magnum Bonum	1.25

Bronze Top.

	¼ lb.	lb.
Kangaroo, green top, similar shape to Elephant. Hartley's Bronze Top	.40	1.25
Lord Derby, a well-known, hardy bronze top variety		

TURNIP—Navet. Feldruebe.
For Fall and Early Winter Feeding. These can be sown later than Swede varieties (July and August), but do not keep as well.

	¼ lb.	lb.
Purple Top Yellow Aberdeen. Cow Horn or Long White. Greystone. Red Top Strap Leaf.	.30	1.10

FIELD CORN—Blé des Champs. Futtermais.

Flint Varieties. Comptons Early. Longfellow	Prices fluctuate; Ask for prices on quantities.

FIELD CORN.—Dent Varieties.

White Cap Yellow. Leaming Improved.	Prices fluctuate; Ask for prices on quantities.

FIELD PEAS—Poie des Champs. Futtererbse.

	lb.	10 lbs.
White Marrowfat, Golden Vine	Ask for prices.	

CLOVER.

White Clover. Red Clover. Timothy. Alfalfa. Alsike.	Our different grades are sold at the lowest market prices; ask for samples and prices.

FORAGE PLANTS, ETC.

Tares or Vetches. Speltz or Emmer. Millet, Common. Millet, German. Millet, Hungarian. Buckwheat, Silver Hull. Buckwheat, Japanese. Flax. Dwarf Essex Rape. German Rape. Canary Seed.	Prices on application.

GRASS SEEDS.

Orchard Grass. Kentucky Blue Grass. Perennial Rye Grass. Fescue Grass. Wood Meadow Grass. Bromus Inermis Grass. Blue Grass, Canadian.	

(Postage per lb. extra, see page 3.)

LAWN SEEDS.

Many people have neither the time, means or inclination to make flower beds, but a pleasing effect to the eye can be readily obtained by sowing down a good lawn. Some are deterred by the idea, an entirely erroneous one, that lawns are difficult to establish and maintain. There is certainly a deal of bother in sodding a lawn and the result is often unsatisfactory. Seeding a lawn is much easier and produces better and more uniform results. The seed must be good or the result will be disappointing. We have made up well-balanced mixtures of clean grass seeds of high vitality

All Turnips, Carrots, etc., on this page may be had in 5c and 10c packets.

which we know will produce good results. In making up a lawn, two important things must be considered; the preparing of the soil and the draining of the ground. The beauty of a lawn consists in the evenness of its surface and the richness of its verdure. The latter can only be produced on well-drained soils. For most soil, drains 30 inches deep are ample, and the distance apart depends on the nature of the soil. Be sure that the depth of soil is uniform. The ground should be dug to an equal depth, apply a good dressing of old manure. Then it should be rolled, then raked two or three times until the surface is levelled. Sow the seed thickly at the rate of 1 lb. to every 300 square feet, rake the seed in lightly and finally roll firmly. Do not mow the lawn too closely the first two or three times, especially in hot weather. Roll frequently, thus assuring a close, compact growth. In the early spring and fall apply our special Lawn Fertilizer, at the rate of 2 or 3 ozs. a square yard.

Victoria Mixture.—The best yet offered, will produce a beautiful and enduring turf. Packet 10c., lb. 40c., 10 lbs. $3.75.

Canadian.—(Quick growth). A fine mixture that will produce a lasting turf in the shortest time. Packet 10c., lb. 30c., 10 lbs. $2.75.

Shady Nook.—Composed of grasses suitable for growing under trees and shady places. Packet 10c., lb. 45c., 10 lbs. $4.25.

We prepare all mixtures ourselves and can guarantee them as being most suitable for Canadian climate. All mixtures have the proper proportion of clover, if wanted without, please say so. If you want any for a special purpose, write us for information and prices.

Lawn Fertilizer.—Prepared from a celebrated English formula, and can only be obtained from us. Cleaner and better than manure. Lb. 10c., 10 lbs. 75c.

GRASS SEEDS AND CLOVER FOR LAWNS.

Kentucky Blue Grass	lb. .30	Creeping Bent	lb. .50
Red Top	lb. .40	White Dutch Clover	lb. .65

Postage per lb. extra, see page 3.

FLOWER SEEDS.

Specialties marked *.

We regret we have not the room to describe these flowers in detail, but from our own trials we were delighted with the large, perfect and brilliant colored flowers. See our special offer on page 4.

We do not offer an extensive list but only those sorts for which there is a general demand. Any variety not offered will be obtained at short notice at prices quoted in other catalogues. **Include a few packets with your order.**

(For cultural directions see page 22.)

	Pkt.
Ageratum. Splendid half-hardy Annual for edging. Mexicanum Blue	.05
Acroclinium. Roseum	.10
Alyssum.	
Sweet or Benthami	.05
Little Gem	.05
Amaranthus. Hardy Annuals grown for their fine colored foliage.	
Tricolor (Joseph's Coat)	.05
Cruentis (Princess Feather)	.05
Caudatus (Love-lies-bleeding)	.05
Mixed	.05
Antirrhinum.—Snapdragon. Indispensable and free-flowering.	
Tall, Mixed	.05
Tom Thumb Dwarf, Mixed	.05
Queen of the North, White	.05
Dwarf, White	.05
Aquilegia—Columbines.	
Mixed Single	.05
Asperula. Odorata (Woodruff)	.10
Asparagus. Greenhouse Grown.	
Plumosus Nanus	.25
Sprengeri	.10
ASTERS.—Nothing is more effective than a good bed of Asters. We have them in the following well-known varieties, which we consider the cream of the Asters.	
*Giant Crego.—Finest and best of the Comet type. We have them in the following colors: White, Rose, Light Blue, and Mixed. Each	.10
Perfection Aster.—Mixed Colors.	.10
Comet Giant.—Mixed Colors	.10
Victoria.—Mixed Colors	.10
Mixed Varieties.—All colors	.05
White Varieties	.05
American Branching	.10
Bellis Perennis—Daisy.	
Double Mixed	.05
Balsam.—Double Fine Mixed	.05

Pkt.

Calendula or Pot Marigold..... .05

Calliopsis.
Crimson and Gold..... .05
Mixed..... .05

Candytuft Iberis.
Empress.—Fine White..... .05
Mixed..... .05

Canary Creeper.—One of the prettiest and easiest grown annual climbers..... .05

Canna.
Croszy's Choice Mixed..... .10

Canterbury Bells.
Hardy perennial, easily grown.
Media, Single, Mixed..... .05
Media, Double, Mixed..... .05
Cup and Saucer..... .05

Centaurea.
Cyanus Mixed..... .05
Cyanus, Double Blue..... .05
Imperialis, Mixed Colors..... .05

Chrysanthemum, Annual.
Caronarium White..... .05
Carninatum Mixed..... .05

Clarkia Elegans.
Double Mixed..... .05

Climbers.
Mixed..... .05

Cobaea Scandens. Annual Climbers.
Often grow 20 ft. in a season.
Blue..... .10
White..... .10

Convolvulus.
Japanese Giant "Morning Glory." .05
Major, Mixed "Morning Glory".. .05
Minor Mixed..... .05

Cosmos.
Early Mammoth, Mixed..... .05
Dwarf, Early, Mixed..... .05

Cyclamen, Persicum Giganteum.
Fine Mixture..... .15

Dianthus or Pinks.
Heddewigii, Mixed Single..... .05
Heddewigii, Double Mixed..... .05
Chinensis, Double Mixed..... .05

Eschscholtzia. (California Poppy).
Mixed Colors..... .05

Feverfew. Good as an edging plant.
Golden leaves..... .05

Foxglove. Pkt.
Spotted Hybrids, Beautiful Mixture..... .05
Mixed..... .05

Gaillardia.
Lorenziana, Double Mixed..... .05

Godetia.
Mixed..... .05

Gourds.
Ornamental Mixed..... .05

Gypsophila Elegans.
Annual. Easily grown from seed. .05

Helichrysum. Everlastings.
Double Mixed..... .05

Hibiscus. Annual, 2 ft. high, yellow with dark eye.
Africanus..... .05

Hollyhock.
Finest Double Mixed..... .10

Helianthus. Sunflower.
Giant Single—oz. 10c..... .05
Dwarf Single..... .05
Dwarf Double..... .05
Mixed..... .05

Heliotrope.
Giant Hybrid Mixed..... .05

Humulus.
Japonicus (Japanese Hop)..... .05

Ipomea.
Grandiflora Mexicana Alba (Giant Moon Flower, White)..... .05

Larkspur. Delphinium.
Double Rocket, Annual Mixed... .05

Lavatera Splendens.
Mixed colors..... .05

Lobelia. Most suitable for edgings, 4 to 6 inches high.
Crystal Palace, Compacta Extra Fine..... .10
Erinus, Dark Blue..... .10
Speciosa..... .10

Marigold.
French Dwarf..... .05
French Tall..... .05
African Tall Mixed (Cannonball) .05

PANSIES.

	Pkt.
Marvel of Peru. (Four o'Clock)...	.05
Musk Plant. (Mimulus Moschatus)	.10
Mesembryanthemum. Iceplant.	
Crystallinum	.05
Mignonette.	
Machet, True Strain	.05
Machet, Golden	.05
Sweet Grandiflora	.05
Myosotis. Forget-me-not.	
Palustris, Blue	.10
Alpestris, Coerulea	.05
Mixed	.05

Nasturtiums.	Pkt.	Oz.
(Dwarf Varieties) Mixed	.05	.20
Tall or Climbing Sorts, Mixed	.05	.20
Lobb's (Tropaeloum Lobbianum) Mixed	.05	.25

Nicotiana. Tobacco Plant.	Pkt.
Sanderæ Hybrids, Beautiful Colors, Mixed	.05
Affinis, White, Sweet Scented.	.05

Pansy.	
Choice Mixed	.05
*Extra Large Flowering	.10
*Crested, very fine	.10

	Pkt.
Perilla. Dark purple foliage, half-hardy annual.	
Nankinensis	.05
Petunia.	
Striped, Blotched and Starred, Fine Mixture	.10
*Single Fringed Giant Flowered	.10
Choice Mixture	.05
Phlox.—Drummondi.	
*Special Mixture of Large Flowered Brilliant Colors	.10
Fringed and Starred, Beautiful Mixture	.10
Nana or Dwarf, Choice Mixture	.10
Good Varieties, Mixed	.05
Decussata.	
Perennial Phlox, Splendid Variety	.10

PHLOX.

Poppy. For brilliancy these cannot be beaten. Try the perennial sorts.

	Pkt.
ANNUAL.	
The Shirley, Single Mixed Colors.	.05
Double Mixed	.05
PERENNIAL.	
Iceland Mixed	.10
Oriental Hybrid	.10

Portulaca. (Dwarf hardy annual.)

Double Mixed	.10
Single Mixed	.05

Pyrethrum. Feverfew.

Aureum (Golden Feather)	.05

Ricinus. Castor Oil Plant.

Borbonensis Arboreus	.05
Gibsoni	.05
Sanguineus	.05
Zanzibariensis	.05
Mixed.....oz. 20c.	.05

Salpiglossis. Large Flowered.

Grandiflora, Mixed	.05

Salvia. Scarlet Sage.

Clara Bedman (Bonfire)	.10
Coccenea	.05

Smilax. Trailing plants for bouquets and decorations.

Choice	.10

STOCKS

	Pkt.
Sweet William. Single Mixed	.05

Stocks. Dwarf 10 week.

Finest Mixed. Pot-saved seed	.10
Choice Mixed	.05

Sweet Peas.	pkt.	oz.
Finest Spencer Mixed	.10	.25
Choice Mixture	.05	.15

Thunbergia. Very slender growing climbers, all colors.

Mixed	.05

VERBENA.

	Pkt.
Verbena.	
Mammoth, Extra Choice, Mixed.	.10
Hybrida, Choice Mixed	.05

Wallflower.

Earliest Parisian. Blooms same year if planted early	.05

Wild Cucumber.

(Echinocystis lobata.)	.05

Wild Garden. A mixture of all kinds of hardy varieties.....oz. 10c. .05

Zinnia Double.

*Giant Flowered, Mixed Colors. The largest and finest strain in existence	.10
Large Flowering Mixed	.05

ONTARIO SEED CO. SUCCESSORS,

WATERLOO, ONT.

Best Home Grown and Imported Seeds

CULTURAL DIRECTIONS FOR GROWING SEEDS.

E have thought it advisable this year to embody these Cultural Directions compactly in a few pages instead of distributing them throughout the Catalogue. They are carefully compiled, and are based on our own experience around this district (Western Ontario), but with modifications suggested by different climatic and soil conditions; they are applicable to almost anywhere. We hope that this little guide will prove useful to our friends and customers. We supply good seed, and it is up to the grower to give them every chance. These notes will help anyone to do so. When in doubt about growing anything, ask us. We will promptly send you full advice.

ARTICHOKE.—Sow in April in rich soil and transplant the following Spring to permanent beds (in rows or hills) three feet apart and two feet between the plants. Green Artichoke gives only a partial crop the first season, but the beds will be bearing for years. Protect in winter by a covering of leaves or coarse manure.

ASPARAGUS.—The seed should be sown in March or April, just as soon as the ground can be worked, in good, rich, mellow soil, in drills one foot apart, then covered from ½ to ¾ inch deep. The following Spring the young plants should be set in their permanent places. The soil for them should be made as rich as possible, bearing in mind the beds are to bear a good many years, and it is easier to work in a good supply of manure before the plants are set, than after.

BEANS, BUSH.—To afford a regular succession of crops, plant every two weeks, from the middle of Spring to the end of Summer, but not until the soil becomes warm, as they are very sensitive to both heat and cold. Plant in rows 18 inches apart, 2 inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods when moist will cause them to become damaged with rust.

POLE BEANS AND LIMA BEANS.—These are usually planted in hills and trained to poles, which should be 8 to 10 feet long and firmly set in the ground from 3½ to 4 feet apart each way. Draw around them a hill of earth and plant 4 or 5 beans to each hill, 1 inch deep, always observing to plant the eye of Bean down.

TABLE BEETS.—For general crop, sow about the middle of May. Soil should be light, sandy loam, well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and when well up, thin from 4 to 5 inches.

BRUSSELS SPROUTS.—One Ounce of Seed to 100 Yards of Row. Treat same as Cabbage. Autumn-grown sprouts, drilled in May and transplanted in July, generally do best, as the plants are quite hardy and the buds mellow under frost.

CABBAGE.—For the earliest supply, seed may be sown in September, and the plants wintered in cold-frames, or seed started in hot-beds or cold frames early in the Spring. For the fall crop the seed should be sown early in June, and the young plants transplanted to the rows during the latter part of July. One ounce of seed will sow 300 feet of drill; two ounces sown thinly should provide plants enough for one acre.

CELERY.—The seed may be sown in hot-beds or boxes in February and March, or in April in the open ground as soon as the field can be worked. When the plants are 3 inches high, transplant 4 inches apart, into temporary beds of soft, rich soil, where they will soon require sufficient strength for planting out in beds. Plant in rows 3 feet apart, and set 6 inches apart in rows. About the middle of August earthing up is necessary for blanching and widening of that which is wanted for early use.

CELERIAC OR TURNIP-ROOTED CELERY.—Grown exclusively for its roots, which are turnip-shaped, very smooth, tender, and marrow-like. The roots are cooked and sliced and eaten with vinegar. They make an excellent salad. Are used for seasoning meats and flavoring soups.

CARROTS.—Carrots delight in sandy loam deeply tilled. For early crops sow in Spring as soon as the ground is in working order; for late crops sow any time until the middle of June. Sow in rows and do not cover more than one-half inch deep. One ounce to 150 feet of drill; 3 pounds to the acre.

CAULIFLOWER.—If the soil is dry, water frequently, and if the plants could have a heavy mulch of hay or straw, it would keep the soil moist and the plants would not

suffer from drought. The early kinds should be strong enough to plant out not later than the middle of April; the late kinds may be planted out the same time as Cabbage. One ounce of seed produces 1,500 plants; 15,000 plants will cover one acre.

CHIVES.—The green tops, which have a peculiar onion-like flavor, are used for salad, and also in soups. Plants are perfectly hardy.

CORN.—Sweet or Sugar. The sweet sugar varieties, being liable to rot in cold or wet ground, should not be planted before the ground has become warm, in hills three feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 16 inches in the row and two and a half feet between the rows.

CUCUMBER.—For very early cucumbers, sow first of April in hot-bed, upon pieces of sod (grass side down), so that they can be readily transplanted to open ground, in rich soil, when danger of frost is over, or protect by hand glasses. For early use, plant, if weather has become settled and warm, in hills about 4 feet apart each way; thin out to 4 of the strongest plants to each hill after all danger from insects is over. For pickles, plant from June until the middle of July.

EGG PLANT.—1 oz. for 1,000 Plants. Sow in hot beds first week in April; protect at night; plant out about June 1st, about 2½ feet apart.

ENDIVE.—One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

GARLIC.—A bulbous-rooted plant, with a strong penetrating odor, but much esteemed by some for flavoring soups, stews, etc. We frequently receive orders for garlic seed, but we can only supply bulbs.

HORSE RADISH.—Horse radish produces no seed, but is grown from pieces of the roots. Mark off rows two and one-half feet apart in rich moist, well-prepared ground, and set the pieces of roots eighteen inches apart in the rows, vertically, the small end down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds.

LEEK.—Sow the seed and care for the young plants as for onions, but they need more room in order to develop fully. Transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating.

MELONS, MUSK.—One ounce will plant 75 hills. Cultivate in hills, which should be five or six feet apart each way, and composed of light moderately rich soil. The hills should be dug about 2 feet deep, 18 inches square, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

WATER MELONS.—One ounce will plant 50 hills. For cultivation see Musk Melon.

ONIONS.—Sow in rich, sandy soil, in drills one foot apart, as soon as the ground can be worked in Spring—at the rate of 4 or 5 lbs. to the acre. Thin to 3 or 4 inches, using the rake and hoe frequently to keep down the weeds.

PARSLEY.—One ounce will sow 100 feet of drill. As the seed is slow in germinating, it should be sown as early in the Spring as possible in drills 1 foot apart and ½ inch deep. When the plants are well advanced thin out to 6 inches apart in the row.

PEAS.—Light, dry soil, not over rich, suits the Pea. Sow as early as the ground can be worked, and again every ten days for succession. Sow single or double rows, from 4 to 6 feet apart, according to the different heights, about an inch apart in the row and 4 inches deep. Hoe often and keep the ground clean and fine.

RADISH.—For early use seed should be sown in the hot-bed, in drills, three or four inches apart and half an inch deep. For an early crop in the open ground, select a sandy soil and a warm south border, under the shelter of a fence or building, if possible, and sow thinly in drills ten inches apart. For a succession sow every two weeks until September. The Winter Radish should be sown about the middle of summer, and makes its best growth in the Autumn.

RHUBARB.—Sow in May, in drills 12 inches apart, in rich soil. Transplant when sufficiently strong next season, in rows 2 feet apart, into deeply trenched heavy soil. Cover during winter with straw manure.

SALSIFY.—Vegetable Oyster. Same as the Carrot. Used for soups, stews, etc., and resembles the oyster in flavor.

SPINACH.—1 oz. for 100 feet of drill, 10 to 12 lbs. per acre. For summer use, sow early in the Spring, as soon as possible, in rich soil, in drills 1 foot apart; for Spring use, sow late in the Fall and protect with a covering of straw.

SQUASH.—One ounce will plant 50 hills. The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted 4 feet apart each way, and the winter sorts 8 feet. Three plants are sufficient for a hill.

TOMATO.—One ounce will produce 1,500 plants. This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hotbed about the first week in March in drills five inches apart, and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hotbed, or moved into small pots, allowing a single plant to a pot. About the middle of May the plants may be set out in the open ground. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen.

TABLE TURNIPS.—1 oz. for 150 feet of drill; 2 lbs. per acre. For early use, sow as early in Spring as ground can be worked, in drills 1 foot apart. Make successive sowings until August for general crops. Thin out to 6 or 8 inches. A light, rich soil is suitable.

FLOWERS.

GENERAL DIRECTIONS FOR SOWING SEEDS.

SOWING FLOWER SEEDS.—Nearly all flower seeds are very small, some of them being like fine sand, and they must therefore be sown very near the surface, with only a slight sprinkling of soil over them, and no seeds should be covered to a depth of more than two or three times their diameter. When the soil has been prepared as advised, level it with a rake, and pat it down with the spade to make it firm, and sow the seed over the surface in rows or patches as desired, but not too thick. Cover very lightly, and sprinkle a little fine, well-rotted manure over the soil; water carefully, and the operation is completed.

TRANSPLANTING.—Do not plant too close. Seedlings should be lifted from the seedbed with a trowel, so as to secure a ball of earth round the roots, but when they are growing thick in clumps they must be separated, and the best rooted seedlings, with plenty of small fibrous roots, should be selected. The ground having been dug over and manured, open a space with a trowel sufficiently large to accommodate the plants, which have been lifted with a ball, and carefully placing them into it, filling in the soil around them and making firm. The seedlings with bare roots can be planted by making a hole with a pointed stick large enough to allow the roots to drop down and hang perpendicularly; the soil should then be filled in and made firm. Zinnias and Stocks can be planted in such a way as to allow for thinning, as they always produce a percentage of single flowers which are useless, and as they flower when the plants are small, the single ones can be detected and pulled up, leaving the double-flowered plants plenty of room.

THINNING OUT.—As flower seeds are generally sown far too thickly, it is often necessary to thin out the plants; this should be done as soon as they are fit to handle —when in the second or third leaf; transplant surplus if necessary, but do not allow the plants which remain to stand too close.

FEED YOUR PLANTS WELL.—Do not forget that all plants grown from seed can be greatly improved by liberal treatment. Old stable or cow manure can be used to advantage, but artificial fertilizers, such as blood or bone manure, super-phosphates, and the "special" garden manure we offer, if used in smaller quantities, will give wonderful results; not only will they increase the vigour of the plants to which they are applied, but they will improve the size and brilliancy of the plants

Plant Section

We have made arrangements with a reputable firm of florists to supply the following plants, and we trust that our customers will appreciate this.

NOTICE.—These goods will all be packed separate from seeds, and will be sent by express, charges collect.

Kindly order these goods on separate sheet of paper if possible.

Geraniums—Pink, Scarlet, Crimson and White, 4 inch pots	$0.75 per doz.
" Silver, 3 inch pots	1.00 " "
Coleus; assorted colors	.75 " "
Irsene Lindenii	.75 " "
Ascheranthus; Red and Variegated	.75 " "
Lobelia, Double	.75 " "
" Dwarf and Trailing	.50 " "
Hanging Plants for Baskets, 2½ inch pots	.75 " "
Vinca, Green and Variegated, 4 inch pots	.15 each
Cyclamen, 3 inch pots	.20 "
" 4 " "	.35 "
" 5 " "	.60 "
" 6 " "	.75 "
Primroses, 4 inch pots	.25 "
" 2½ " "	.12 "
Primula, 4 inch pots	.25 "
" 2½ " "	.12 "
Ferns.—Boston, Whitmanii, Teddy, Jr., 4 inch pots	.35 "
" " " " 5 " "	.50 "
" " " " 6 " "	.75 "
Small Ferns	.08 "
Palms	$0.75 $1.25 and 2.50 "
Dracaena Indivisa, 5 inch pots	.25 "
" " 4 " "	.15 "
Begonia, Chatalene, 2½ inch pots	.75 per doz.
" Vernon, 2½ " "	.75 " "
Dusty Miller, 2½ inch pots	1.00 " "
Chrysanthemums	.05 each
Salvia, Zurich, 4 inch pots	1.75 per doz.
" " 2½ " "	.75 " "
Tomatoes, 4 inch pots	.75 " "
Vegetable and Flowering plants	$0.15 per basket

For larger quantities and other kinds not listed, please ask for prices.

Mangel

"Our Ideal"

Heaviest Cropper